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**AUG 03 2005**

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<b>TO:</b> Examiner (unassigned) Group Art Unit 2123	<b>FROM:</b> Kenneth C. Brooks Reg. No. 38,393
<b>COMPANY:</b> United States Patent and Trademark Office	<b>DATE:</b> August 3, 2005
<b>FAX NUMBER:</b> 571-273-8300	<b>TOTAL NO. OF PAGES INCLUDING COVER:</b> 6
<b>RE:</b> INFORMATION DISCLOSURE STATEMENT U.S. Patent Application No. 10/805,916 Filing Date: March 22, 2004 Entitled: Method of Determining Alignment of a Template and a Substrate Having a Liquid Disposed Therebetween Our Ref. No.: PA133-09D13	

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Please see attached:

Information Disclosure Statement, including Transmittal (2 pg(s)),  
Form PTO/SB/08A (2 pg(s)), and copy of 1 cited reference (1 pg)

KCB:kep

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Applicant: Sreenivasan, Sidlgata V  
App. No.: 10/805,916 GPAU: 2123  
Filing Date: March 22, 2004 Examiner: (unassigned)  
Dkt. No.: PA133-09D13 Conf. No.: 2031  
For: Method of Determining Alignment of a Template and a  
Substrate Having a Liquid Disposed Therebetween

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other:

to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed:

before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the

Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

## CERTIFICATE OF TRANSMISSION

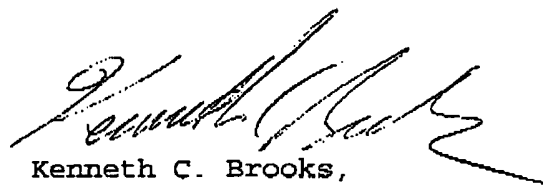
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.

Signed: Katrina Prati

Typed Name: Katrina Prati

Date: 8-3-05

Respectfully Submitted,



Kenneth C. Brooks,  
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PTO/SB/08A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				APPLICATION NUMBER	10/805,916
				FILING DATE	03/22/2004
				FIRST NAMED INVENTOR	Sreenivasan et al.
				Group Art Unit	2123
				Examiner Name	Unassigned
				Attorney Docket Number	PA133-09D13
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
	C1	5,669,303		Maracas et al.	9/23/1997	
	C2	6,665,119		Kurtz et al.	12/16/2003	
	C3	2004/0250945		Zheng et al.	12/16/2004	
	C4	2005/0037143		Chou et al.	2/17/2005	
	C5	6,900,881		Sreenivasan et al.	5/31/2005	
	C6	6,902,853		Sreenivasan et al.	6/7/2005	
	C7	6,908,861		Sreenivasan et al.	6/21/2005	
	C8	6,916,584		Sreenivasan et al.	7/12/2005	
	C9	6,921,615		Sreenivasan et al.	7/26/2005	
	C10	6,916,585		Sreenivasan et al.	7/12/2005	
	C11	6,919,152		Sreenivasan et al.	7/19/2005	

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				APPLICATION NUMBER	10/805,916
				FILING DATE	03/22/2004
				FIRST NAMED INVENTOR	Sreenivasan et al.
				Group Art Unit	2123
				Examiner Name	Unassigned
				Attorney Docket Number	PA133-09D13
Sheet	2	of	2		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Y <sup>2</sup>

	C12	PARK ET AL., Aligning Liquid Crystals Using Replicated Nanopatterns, PSI Scientific Report 2002, Vol VII, p. 85 3/1/2003	
	C13	APPLICATION NO. 11/126,946, naming Inventors Choi et al., entitled Formation of Discontinuous Films During an Imprint Lithography Process, filed 5/11/2005	
	C14	APPLICATION NO. 11/127,041, naming Inventors Sreenivasan et al., entitled Step and Repeat Imprint Lithography Processes, filed 5/11/2005	
	C15	APPLICATION NO. 11/127,060, naming Inventors Sreenivasan et al., entitled Step and Repeat Imprint Lithography Systems, filed 5/11/2005	
	C16	APPLICATION NO. 11/143,076, naming Inventors Cherala et al., entitled System and Method for Improvement of Alignment and Overlay for Microlithography, filed 6/2/2005	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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